

Amendments to the claims

Claims 1-84 (cancelled).

85. (currently amended) A system for use in a vehicle, comprising:
- a display;
- an interface for defining by a user on the display a parking space into which the vehicle is to be parked;
- a processor for determining parameters concerning at least speed and steering for parking the vehicle into the parking space;
- a display, wherein a simulation of parking the vehicle based on the parameters is ~~selectable to be~~ shown on the display before the vehicle is parked into the parking space;
- and
- a mechanism for controlling components of the vehicle to park the vehicle into the parking space based on the parameters.

86. (previously presented) The system of claim 85 further comprising an output device for emitting an audible signal while the vehicle is being parked.

87. (previously presented) The system of claim 85 further comprising a device receptive to a signal from outside the vehicle for initiating parking of the vehicle.

88. (previously presented) The system of claim 85 further comprising a device receptive to a signal from outside the vehicle to abort parking of the vehicle.

89. (previously presented) The system of claim 85 further comprising an output device for requesting a user of the vehicle to exit the vehicle before parking of the

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vehicle.

90. (previously presented) The system of claim 85 wherein the components include a brake subsystem.

91. (previously presented) The system of claim 85 wherein the components include a transmission subsystem.

92. (previously presented) The system of claim 85 wherein the components include a steering subsystem.

93. (previously presented) The system of claim 85 wherein the components include a throttle subsystem.

94. (previously presented) The system of claim 85 wherein the display includes a liquid crystal display (LCD).

Claims 95-99 (cancelled).

100. (currently amended) A method for use in a system in a vehicle, the system including a display, the method comprising:

allowing a user to define on a display a parking space into which the vehicle is to be parked;

determining parameters concerning at least speed and steering for parking the vehicle into the parking space;

allowing a user of the vehicle to select showing on the display a simulation of parking the vehicle before the vehicle is parked into the parking space based on the

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parameters to be shown on the display; and

controlling components of the vehicle to park the vehicle into the parking space based on the parameters.

101. (previously presented) The method of claim 100 further comprising emitting an audible signal while the vehicle is being parked.

102. (previously presented) The method of claim 100 further comprising receiving a signal from outside the vehicle for initiating parking of the vehicle.

103. (previously presented) The method of claim 100 further comprising receiving a signal from outside the vehicle to abort parking of the vehicle.

104. (previously presented) The method of claim 100 further comprising requesting a user of the vehicle to exit the vehicle before parking of the vehicle.